

# Interconnected Fabric Module

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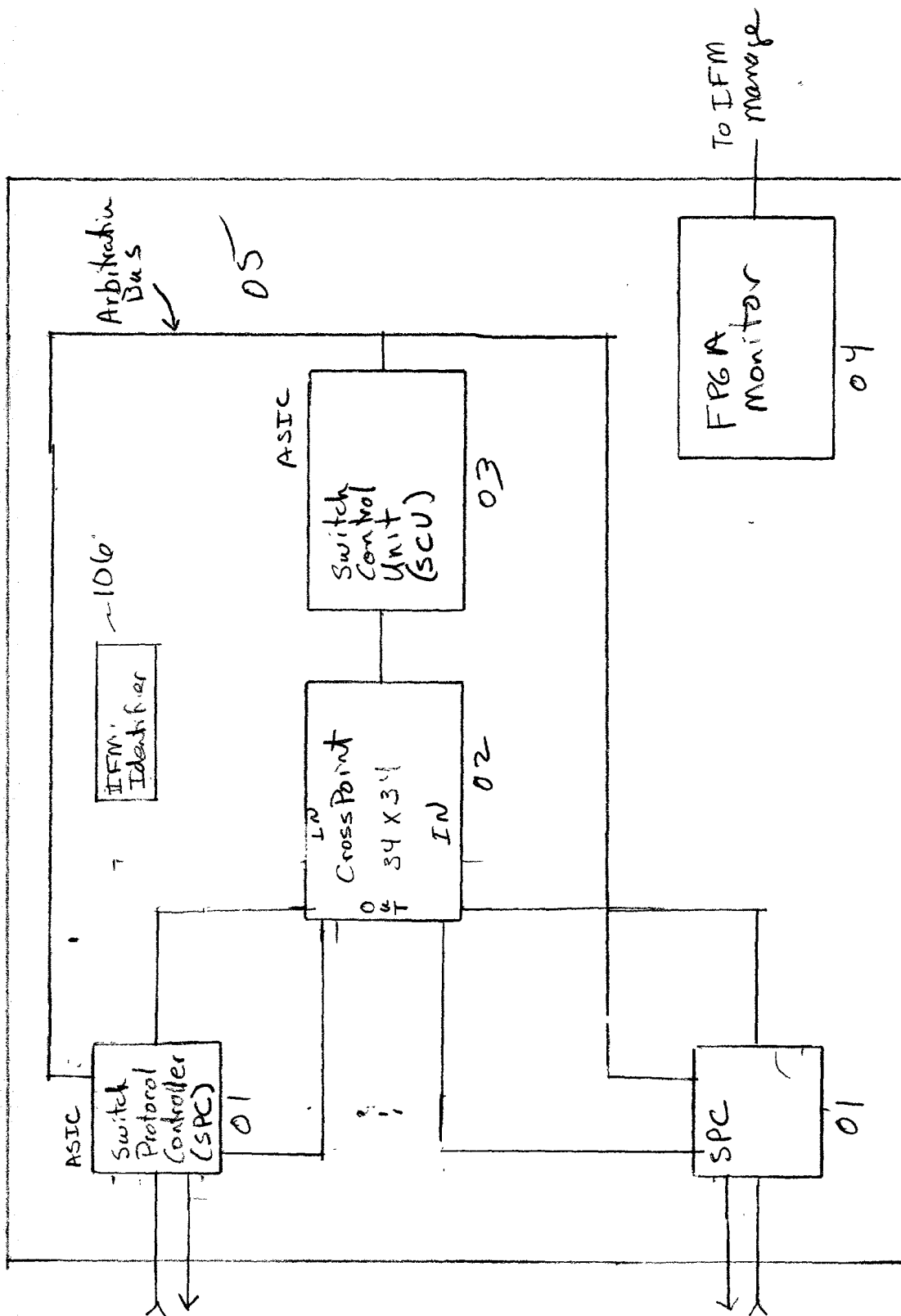


Fig 1

# Switch Protocol Controller (SPC)

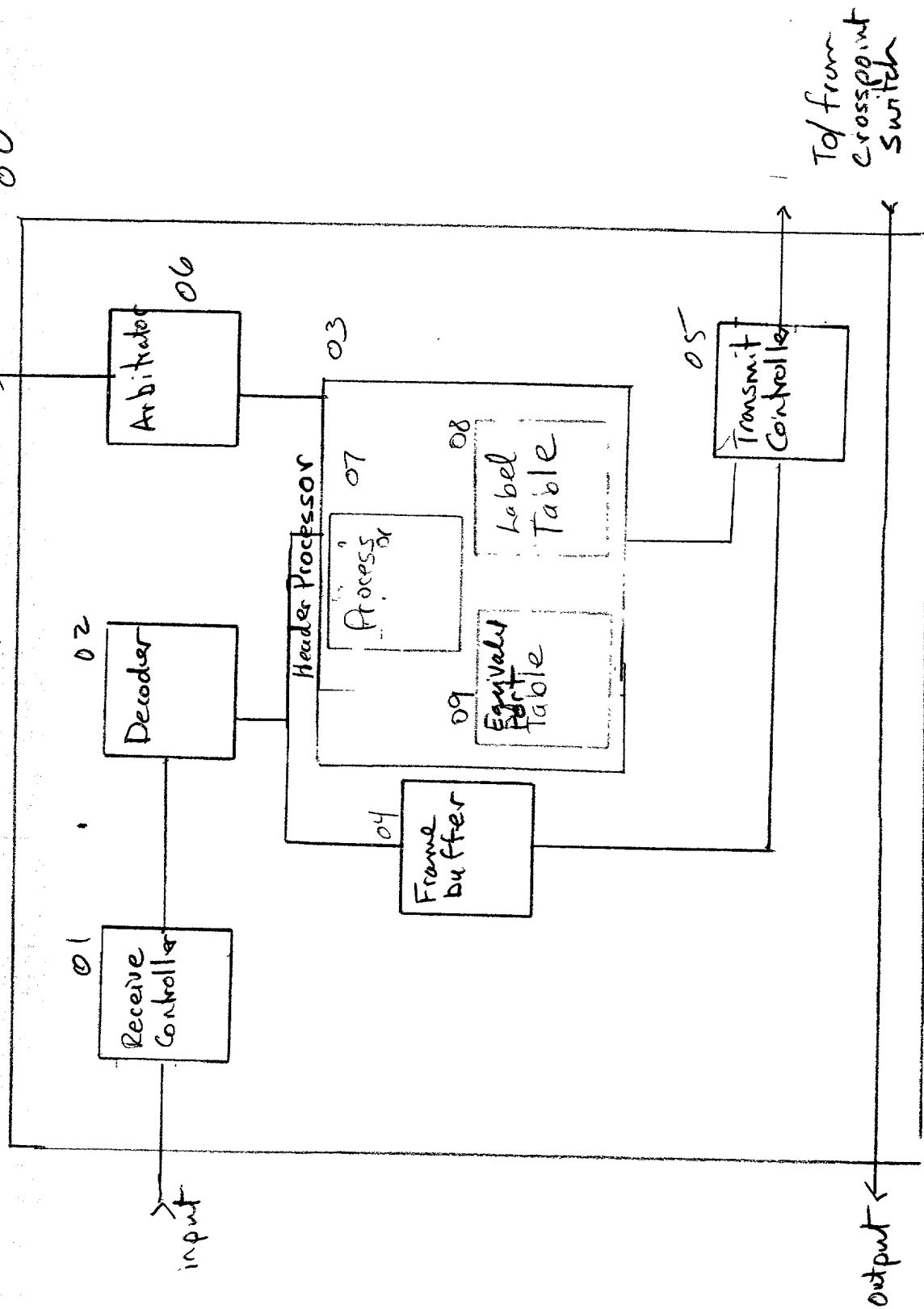
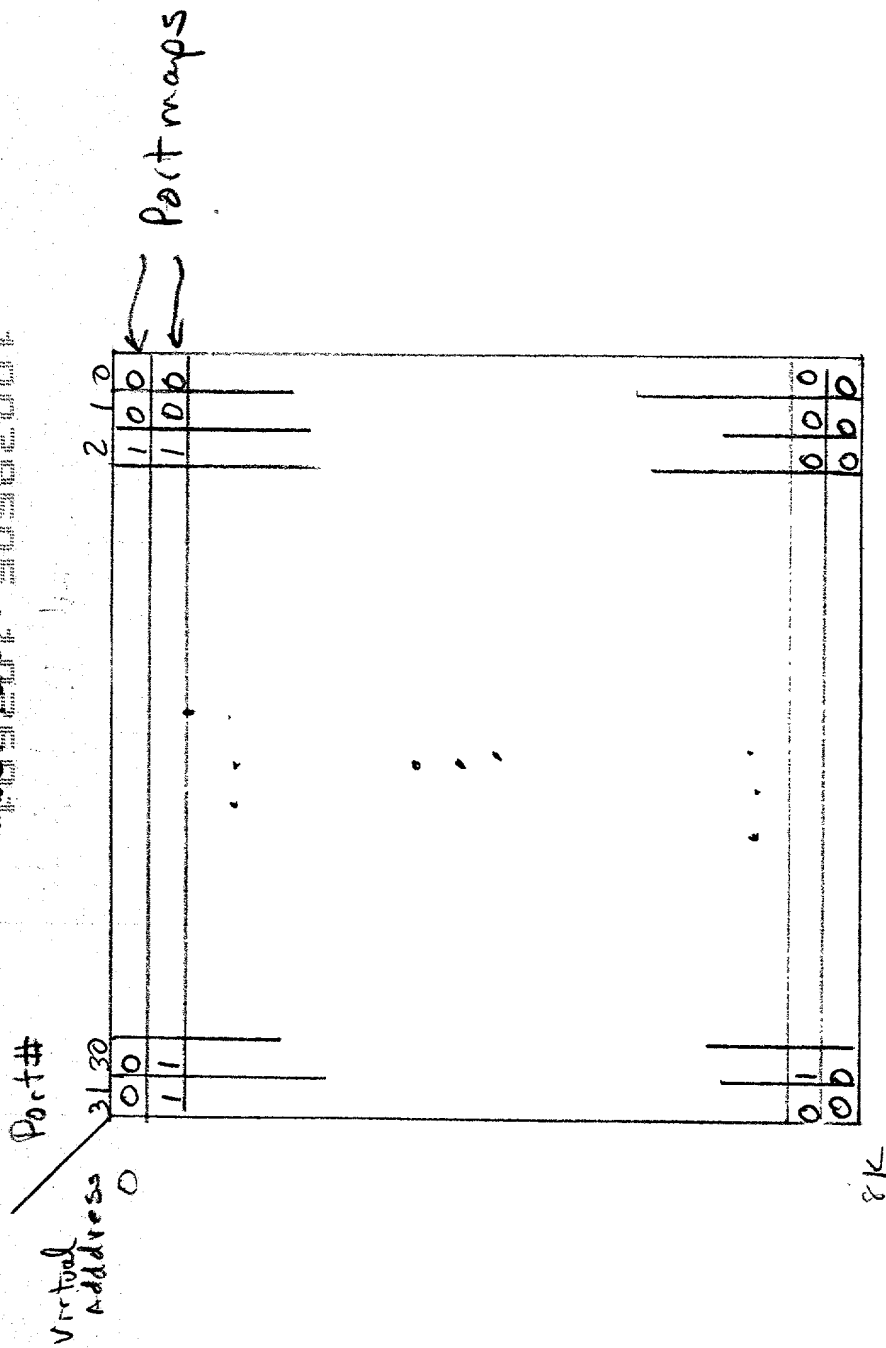


Fig 2

# Label Table



M  
∞  
L

# Frame

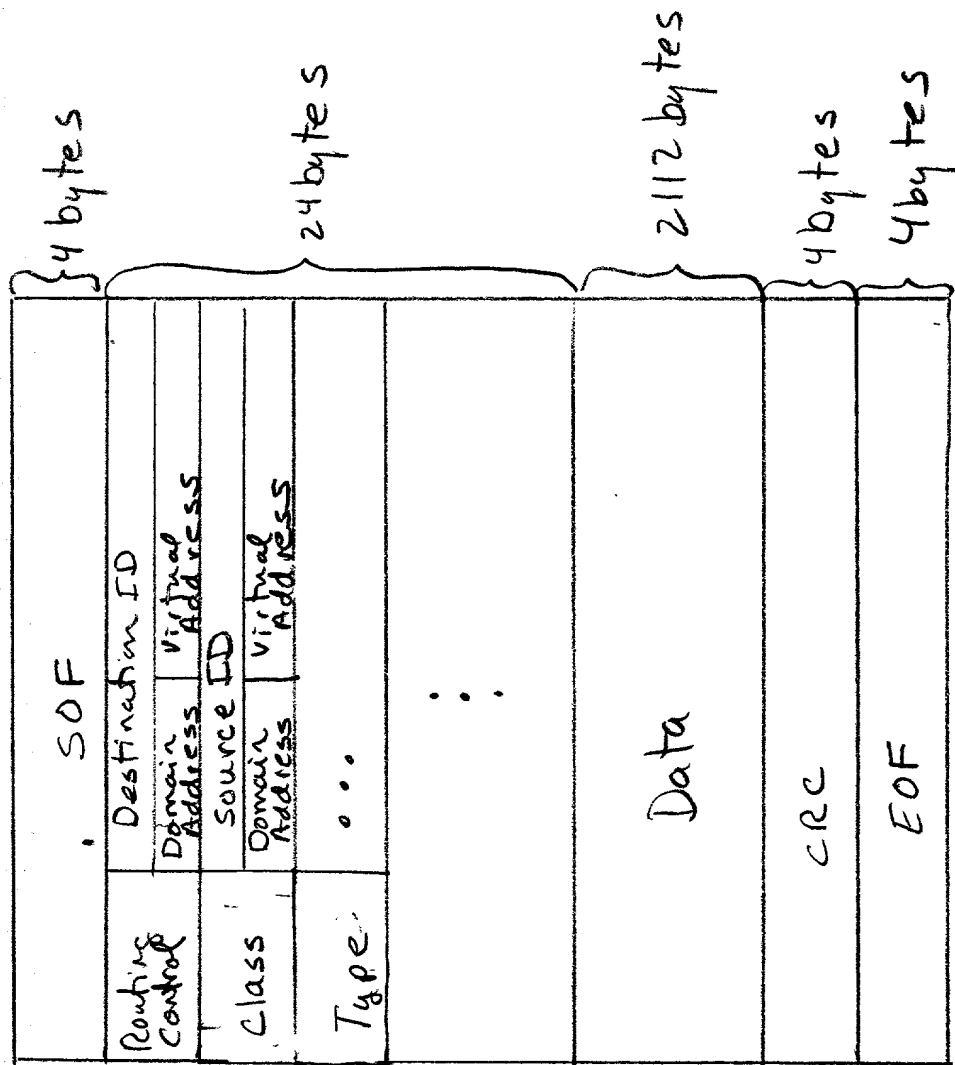


Fig 4

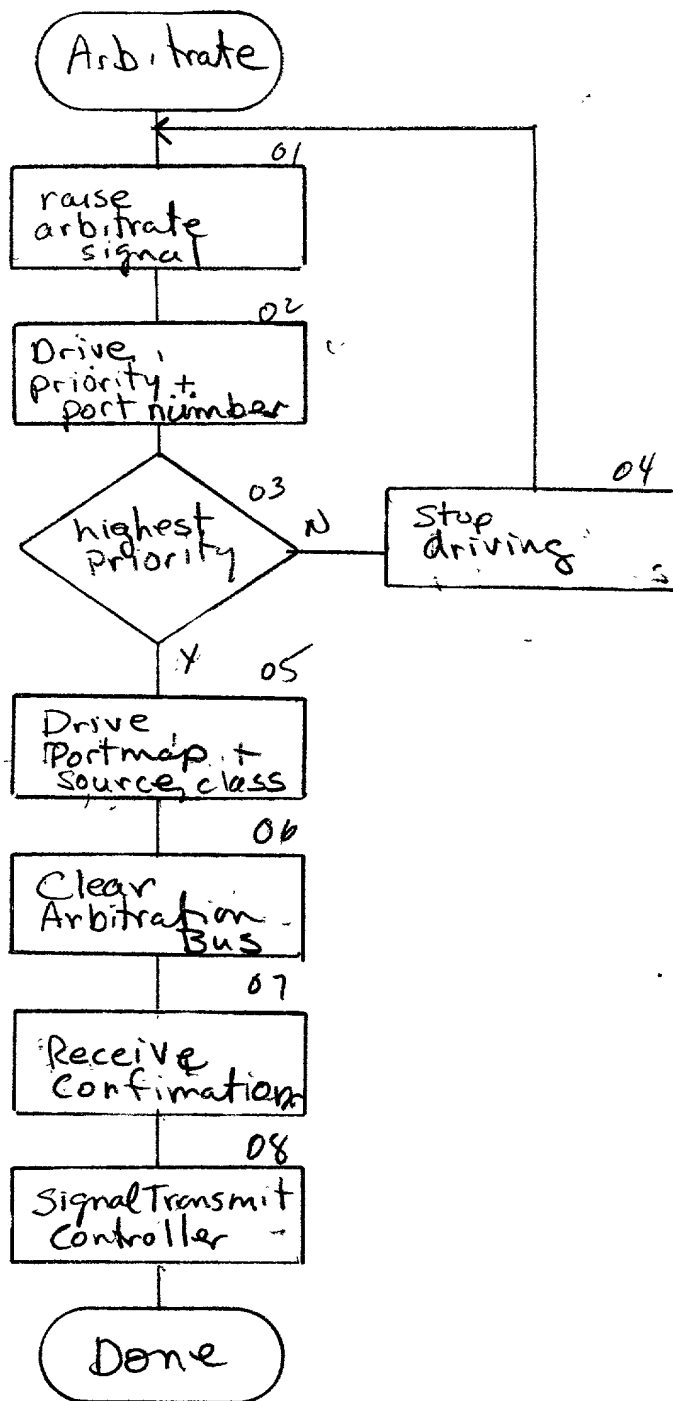


Fig 5

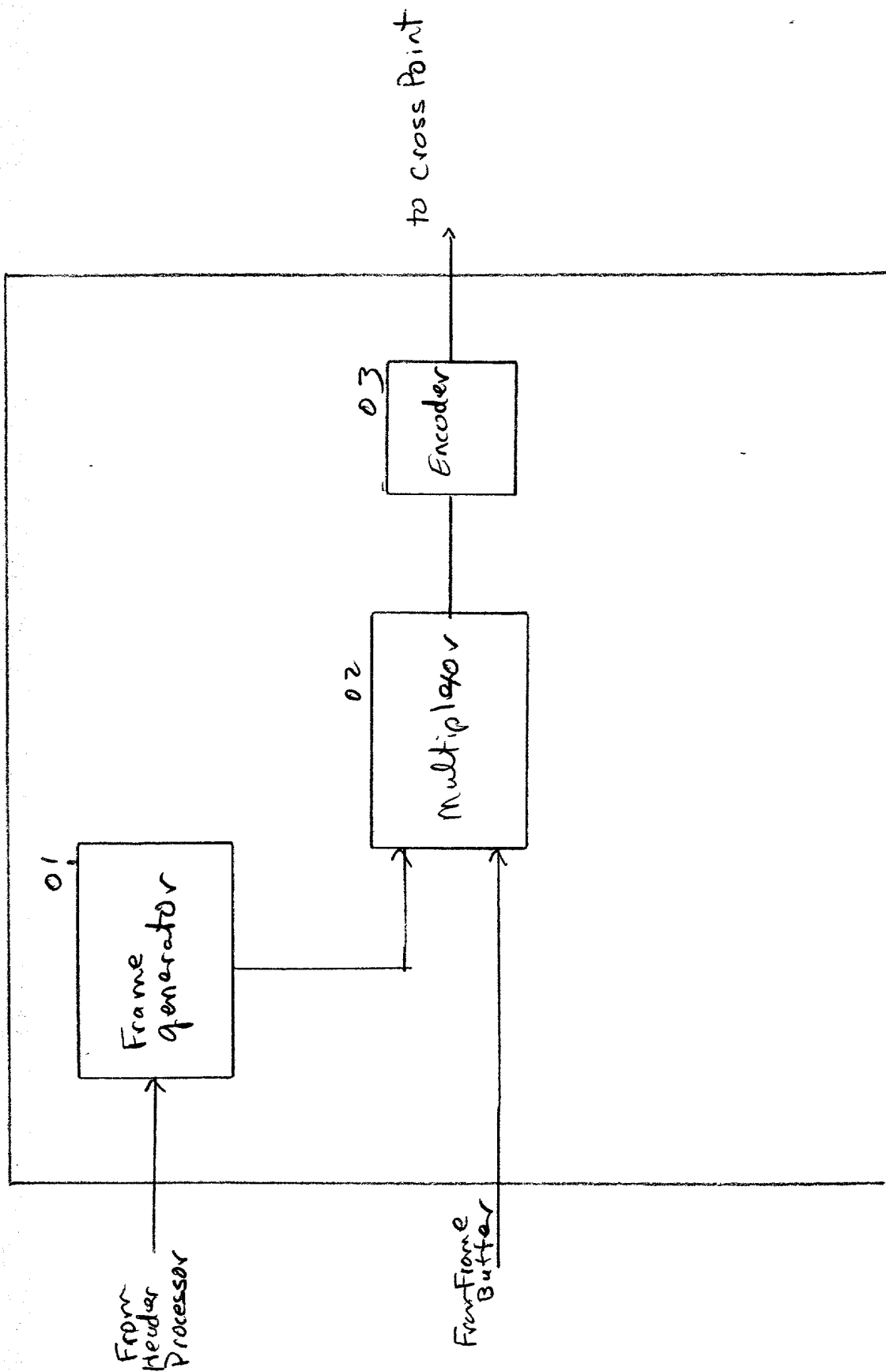


Fig 6

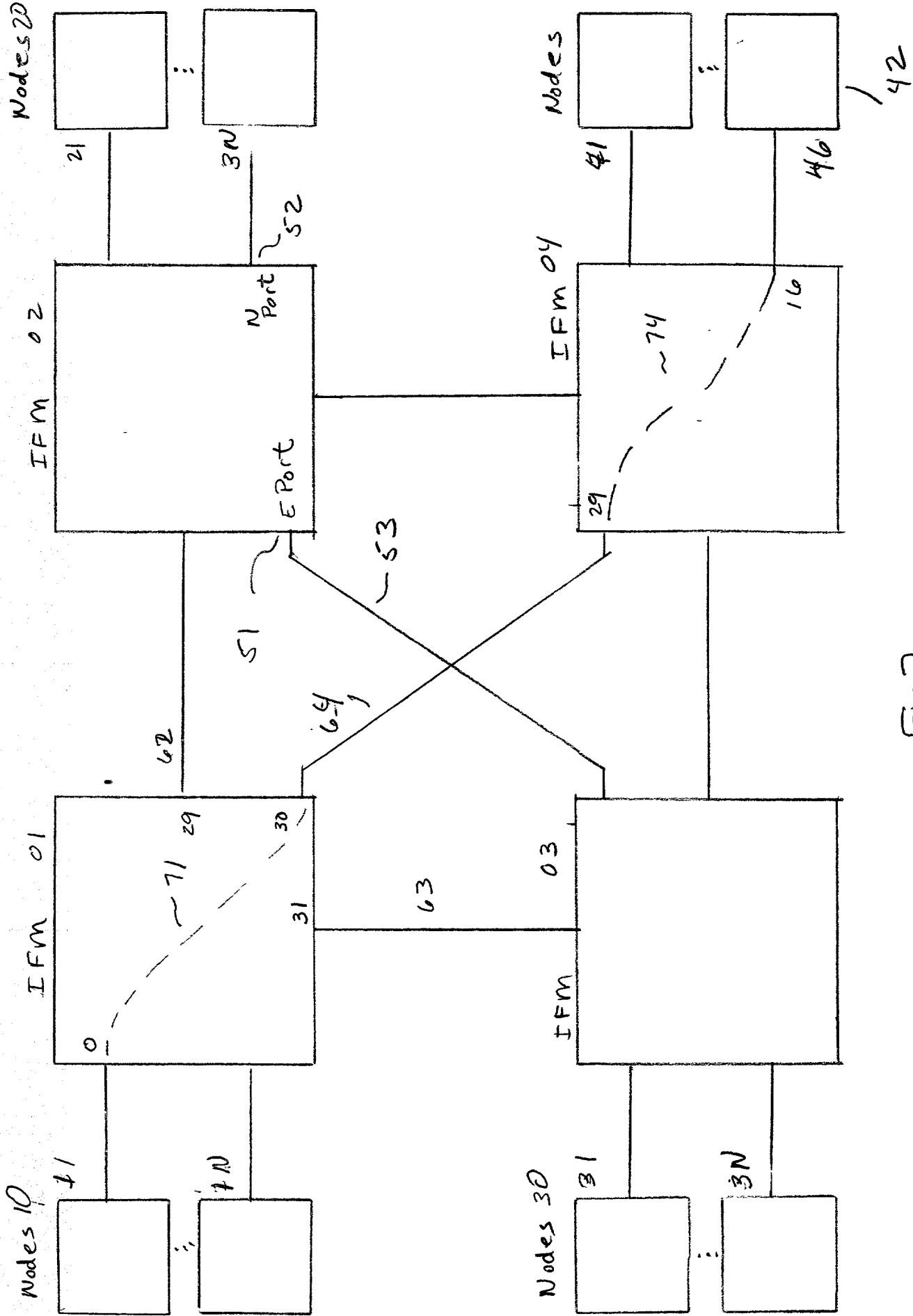


FIG. 10

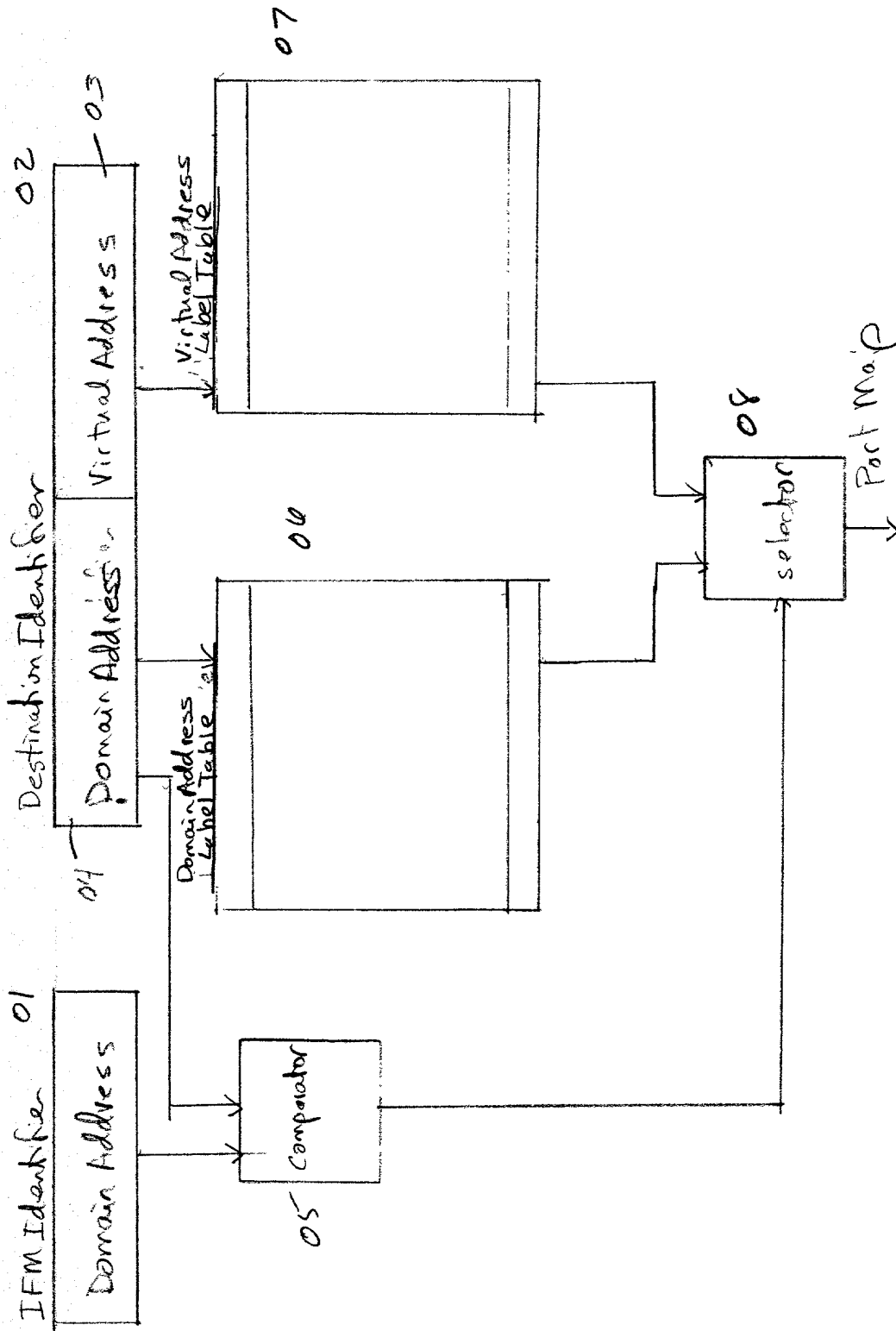


Fig. 8



# Quad Switch Protocol Controller

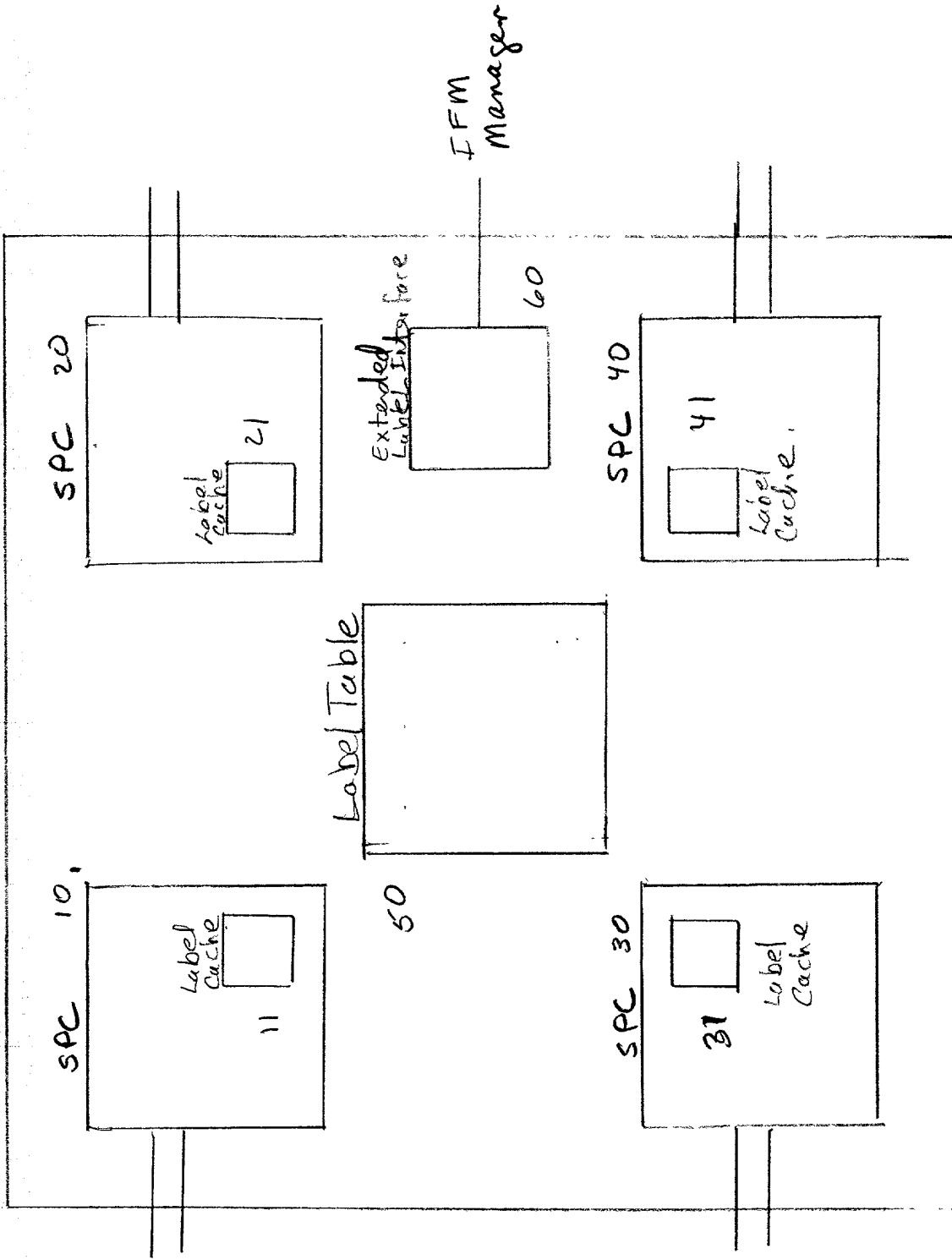


Fig 9

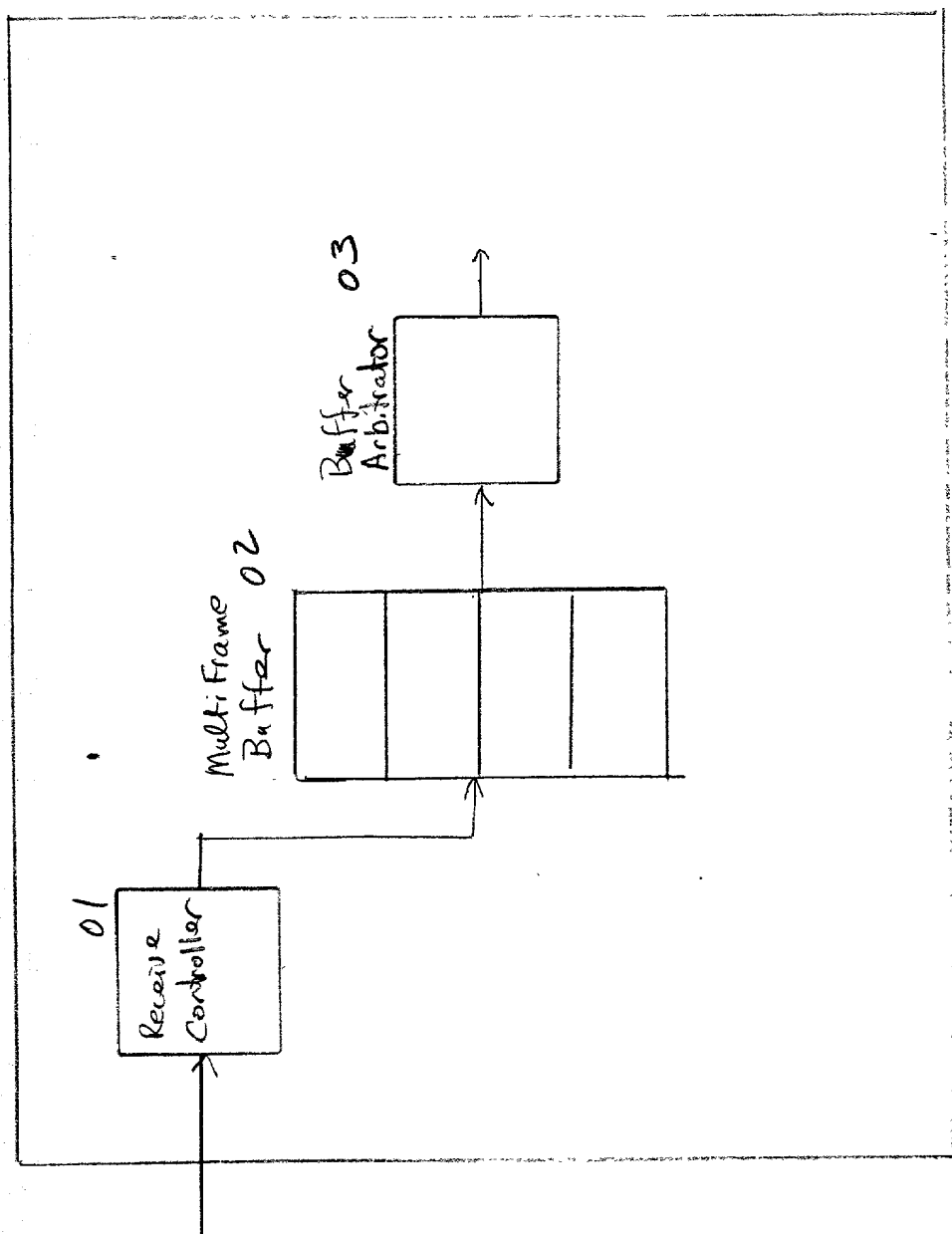


FIG 10

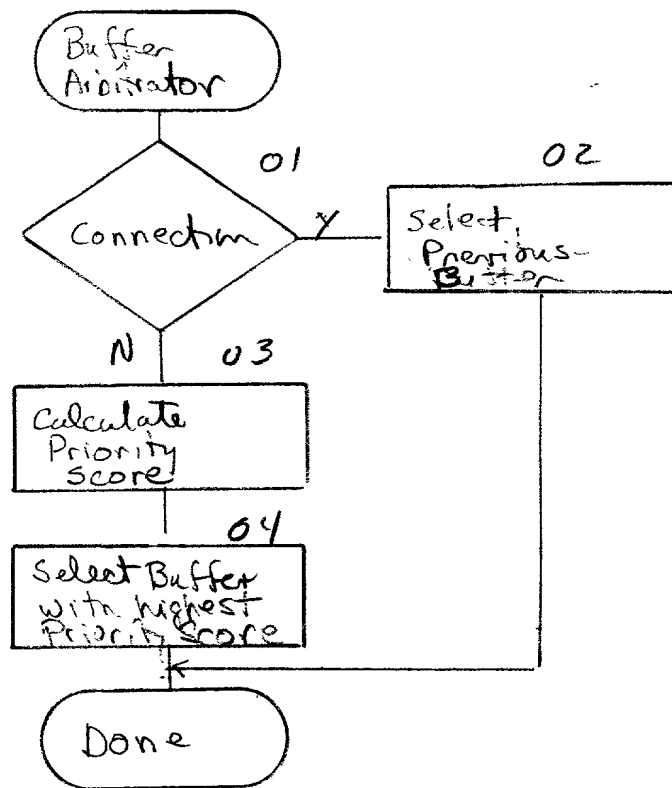


Fig 11

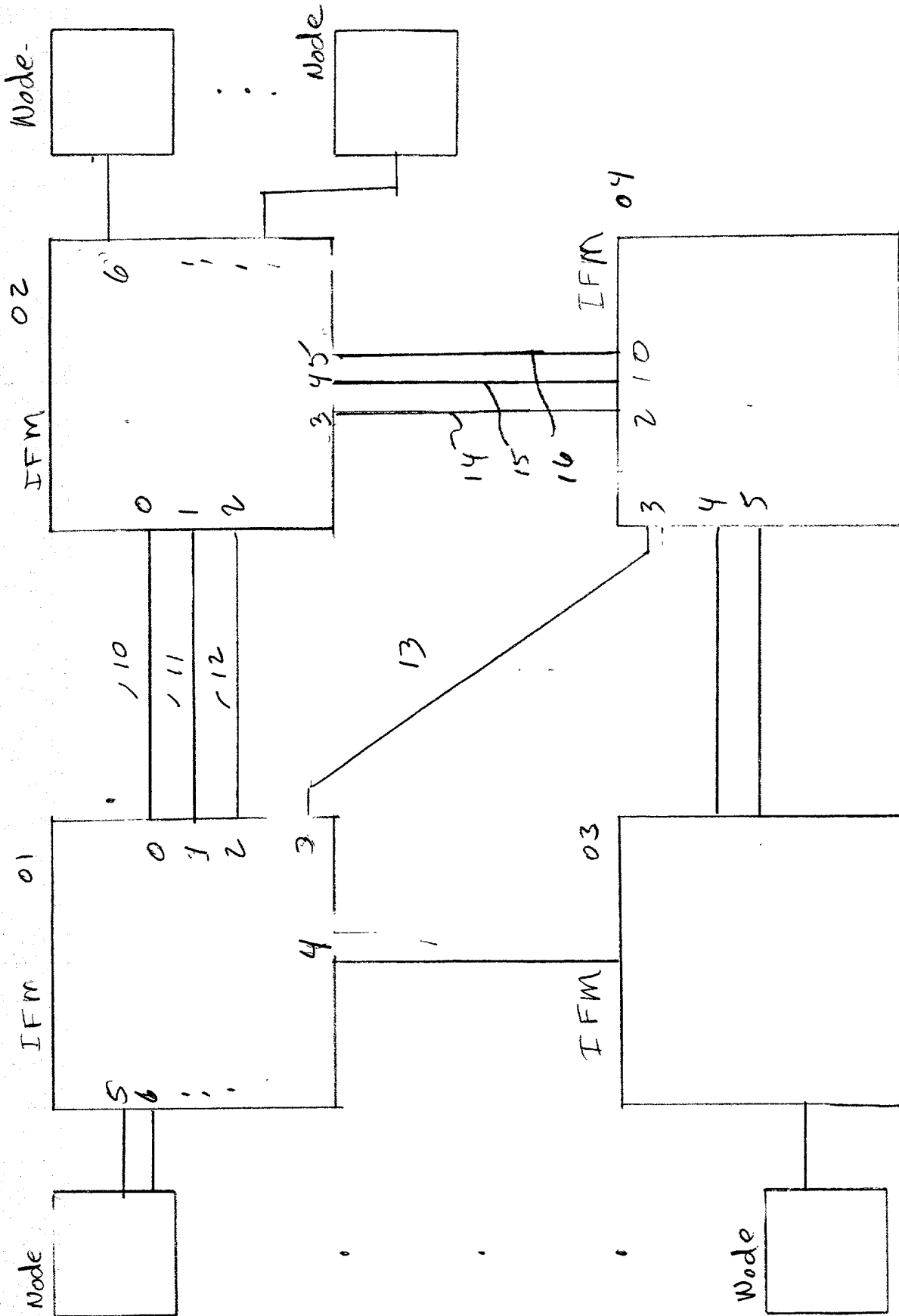


Fig 12

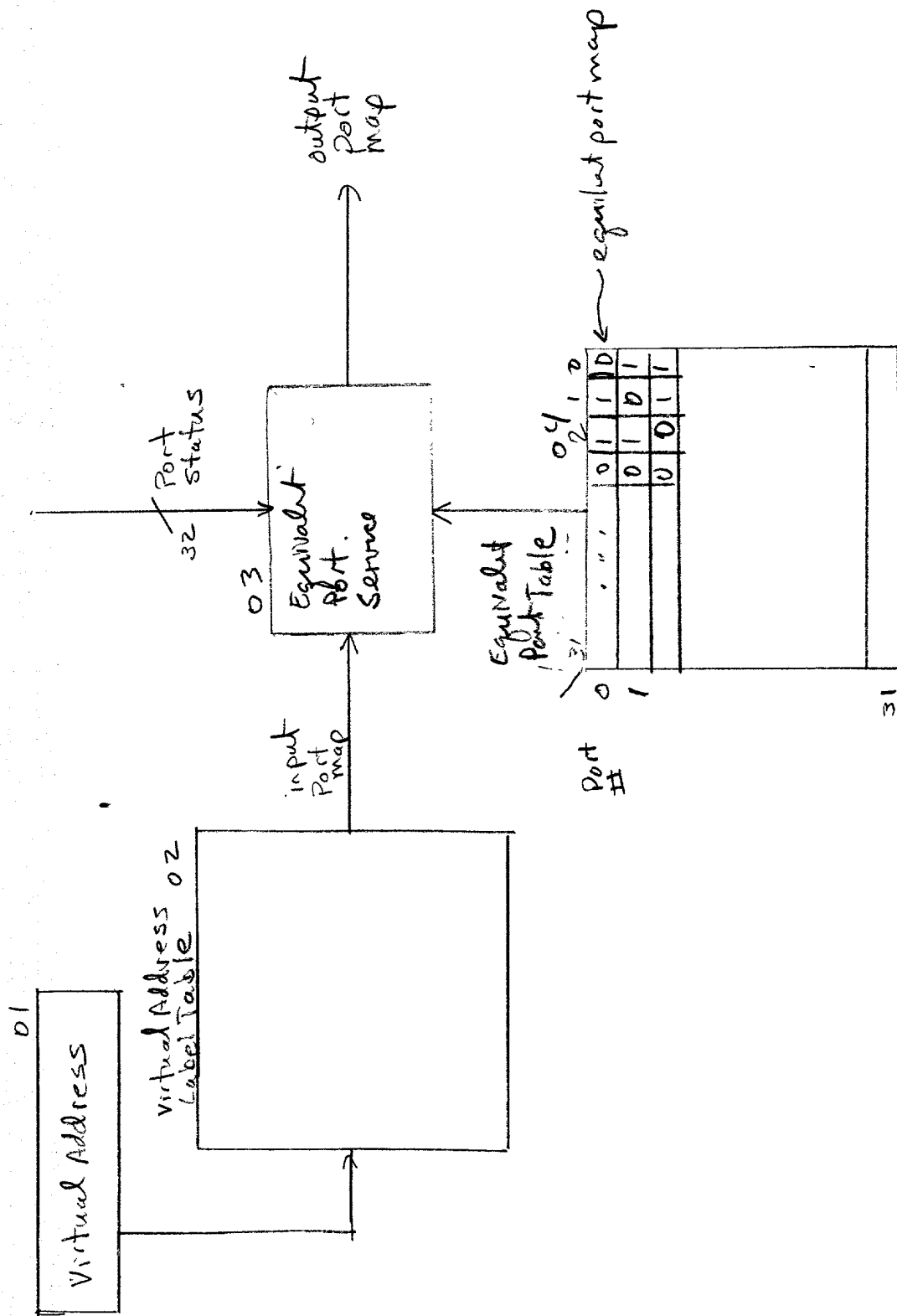


Fig 13

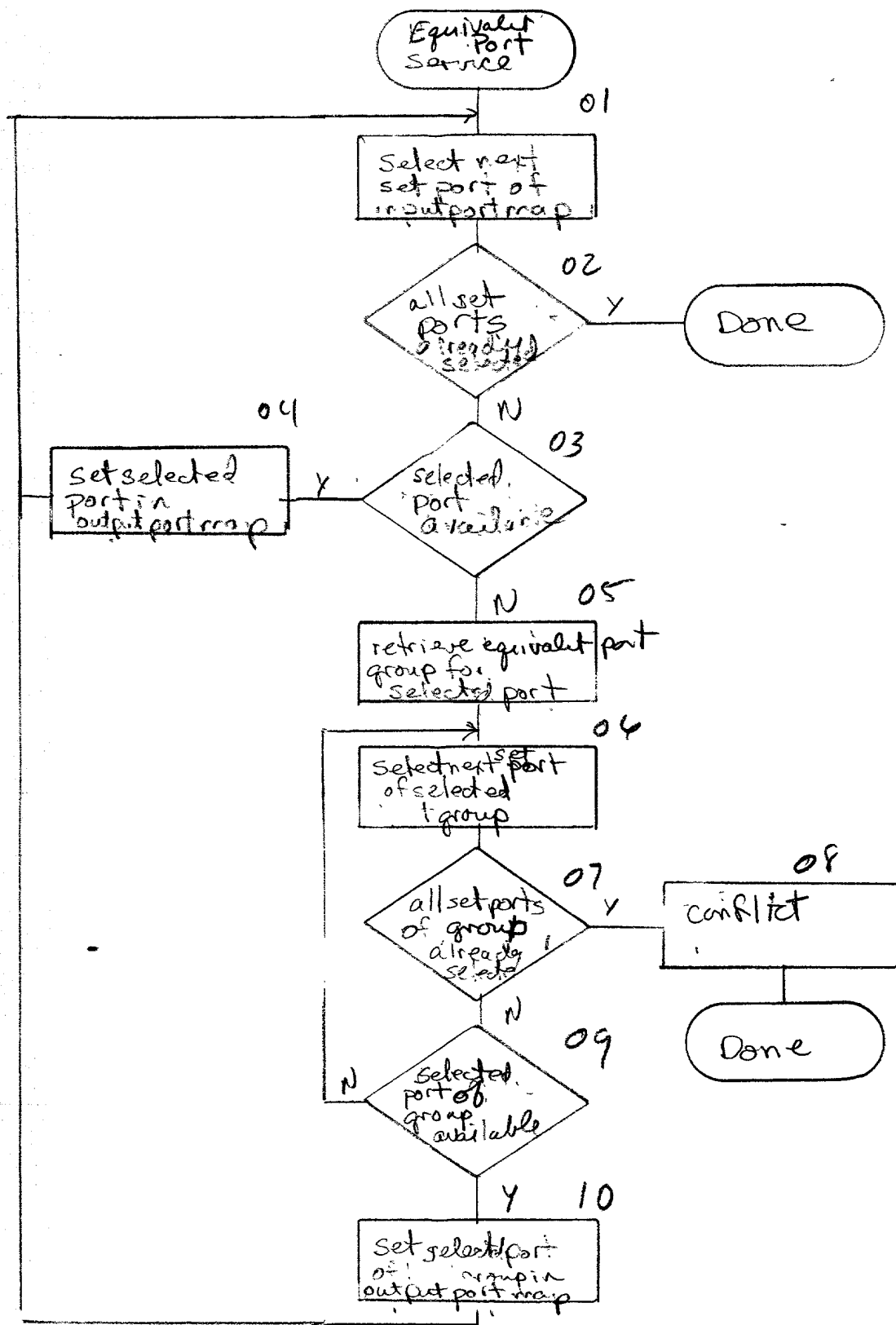


Fig 14

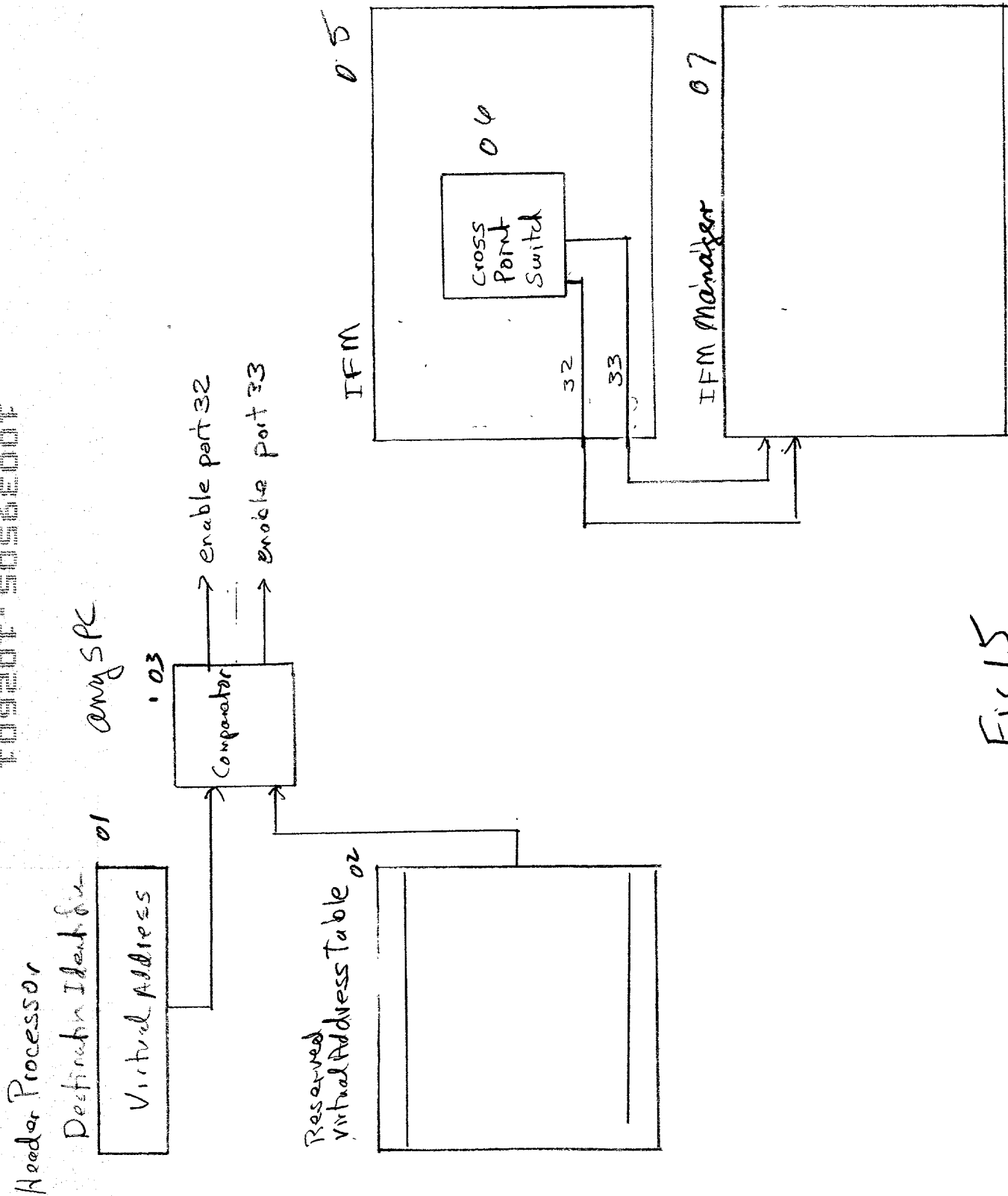


Fig 15

The diagram illustrates a network topology with the following components and connections:

- IFM 01** (Intermediate Form Module): Contains three sub-components: a box labeled '03' with dashed lines, a box labeled '1' with a horizontal line, and a box labeled '0'.
- IFM 02** (Intermediate Form Module): Contains two sub-components: a box labeled '04' with dashed lines and a box labeled '0'.
- Node 05**: A box at the bottom left.
- Node 06**: A box at the top left.
- Node 07**: A box at the top right.

**Connections:**

- Node 05 is connected to IFM 01 by a double-headed arrow.
- IFM 01 (box 03) is connected to IFM 02 (box 04) by a double-headed arrow.
- IFM 01 (box 1) is connected to IFM 02 (box 0) by a double-headed arrow.
- IFM 01 (box 0) is connected to Node 06 by a double-headed arrow.
- IFM 02 (box 04) is connected to Node 07 by a double-headed arrow.
- Node 06 is connected to Node 07 by a double-headed arrow.

## Deadlock

10

Time Node ID FM 1601 1091 M.F.I. scan 2091, M.F.I. 2097 Node 27606 I.F.M. 1602

send start  
connect

Correct  
1  $\leftrightarrow$  0

Forward start  
connect

Cont forward  
Start connect  
Node 1

connect  $\odot \rightleftharpoons \odot$

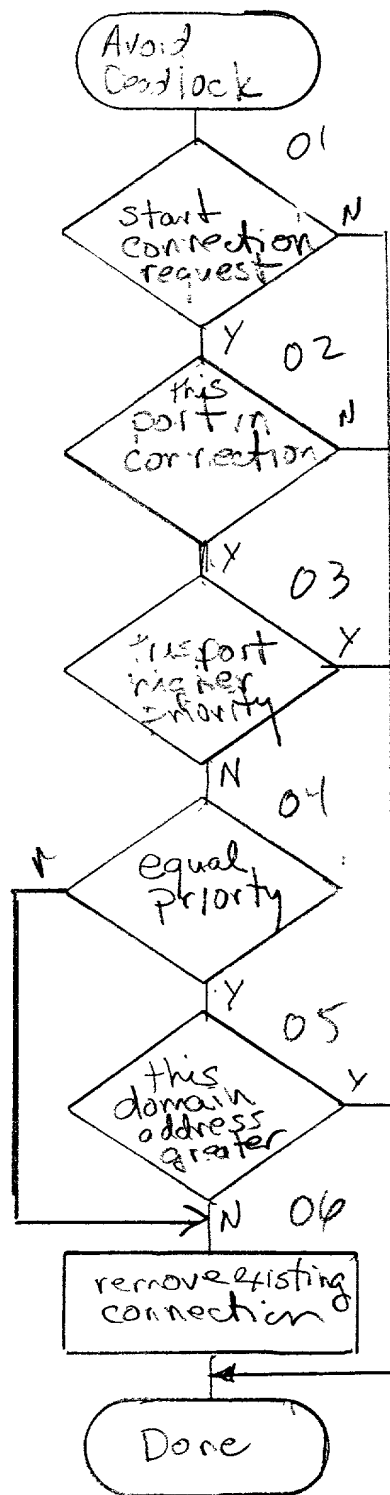
Forward start  
Connect

Can't forward  
Start connect

F1816



10039505-102601



when end-to-end  
not established

Fig 17

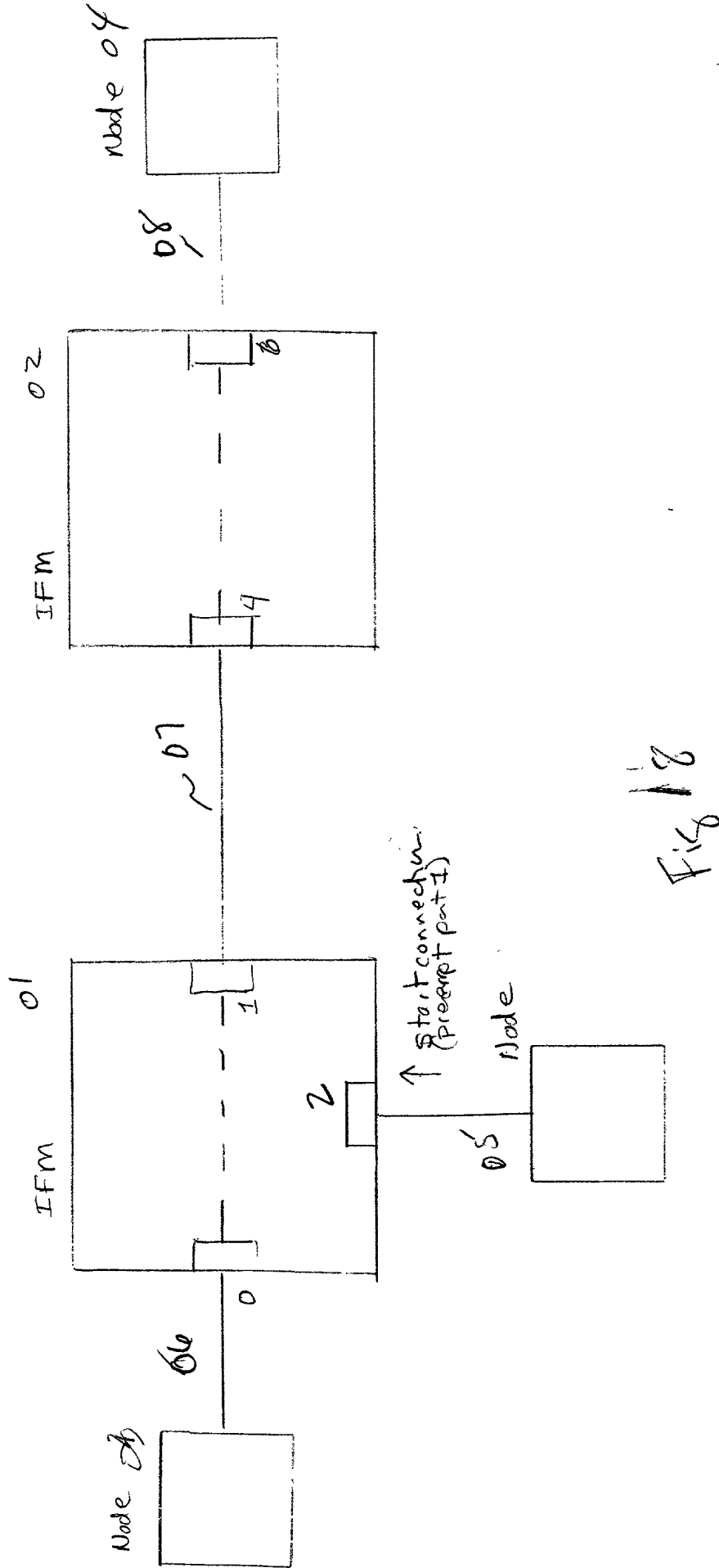


Fig 18

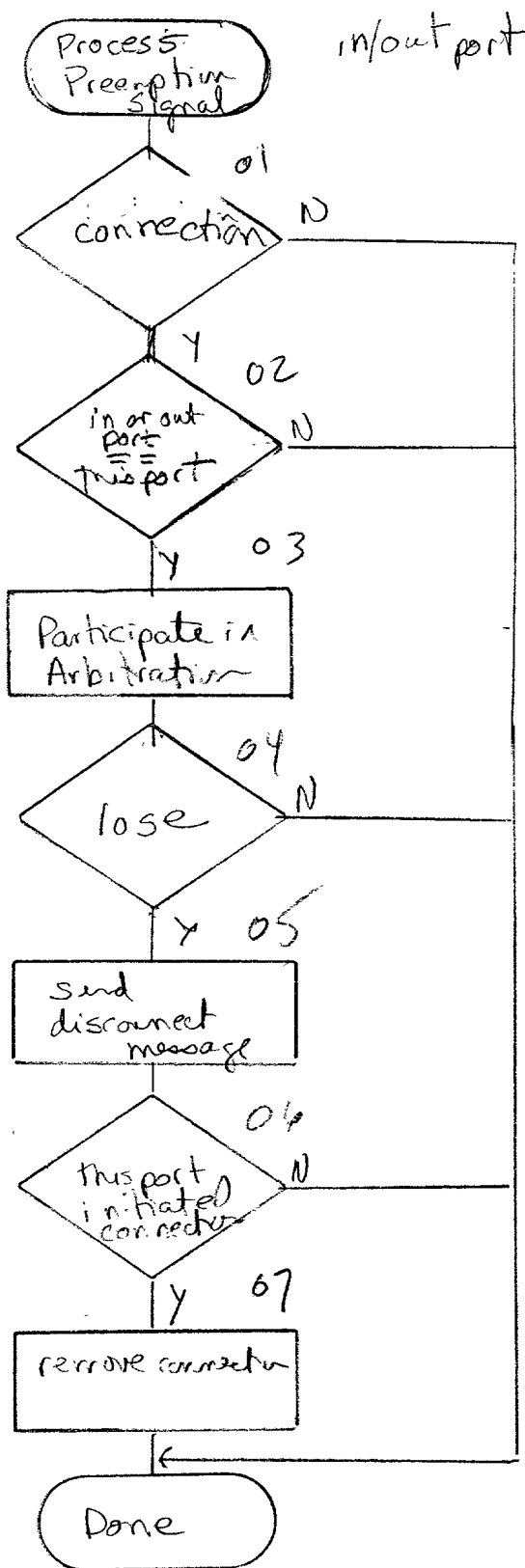


Fig. 19

10039505-102601

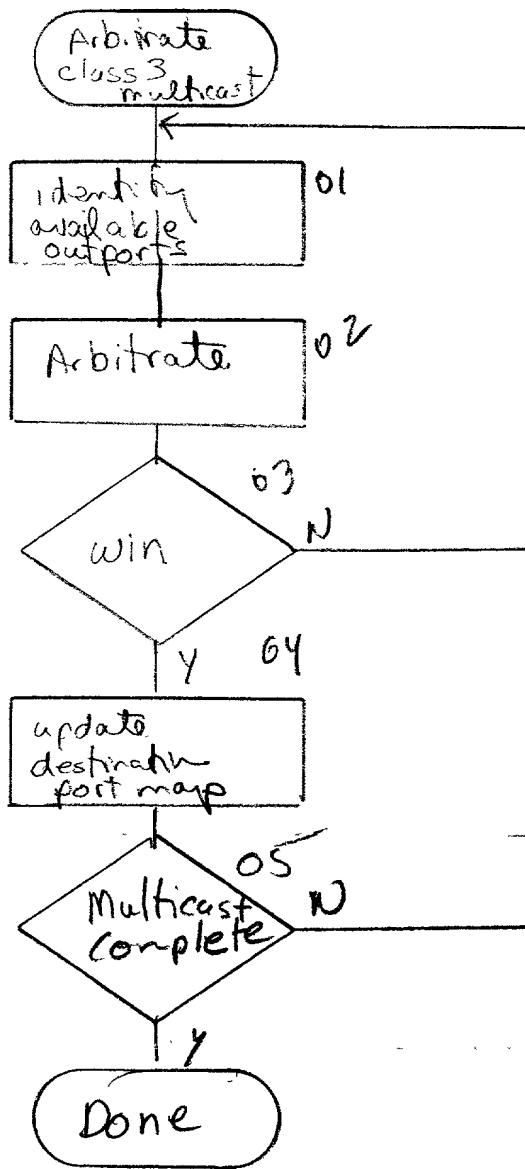


Figure 20